

## AN OPTICAL FILM

**Patent number:** CA2248214

**Publication date:** 1997-09-04

**Inventor:** KOTZ ARTHUR L (US); STOVER CARL A (US); ALLEN RICHARD C (US); WEBER MICHAEL F (US); CARLSON LOCKWOOD W (US); MAJUMDAR BISWAROOP (US); NEVITT TIMOTHY J (US); OUDERKIRK ANDREW J (US)

**Applicant:** MINNESOTA MINING & MFG (US)

**Classification:**

- **international:** G02B5/30

- **european:**

**Application number:** CA19972248214 19970117

**Priority number(s):** US19960610092 19960229

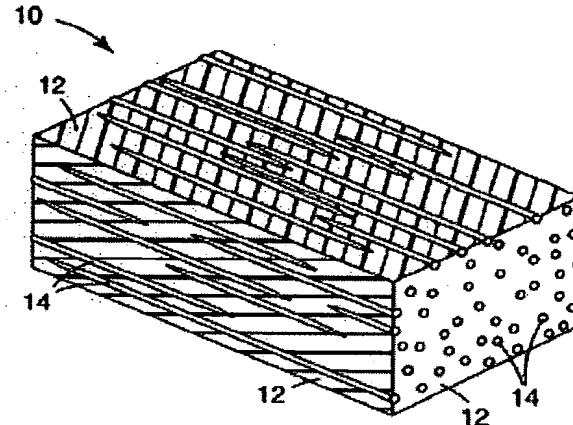
**Also published as:**

WO9732230 (A1)  
WO9732227 (A1)  
WO9732225 (A1)  
WO9732225 (A1)  
WO9732224 (A1)

[more >>](#)

### Abstract of CA2248214

An optical film is provided which comprises a disperse phase of polymeric particles disposed within a continuous birefringent matrix. The film is oriented, typically by stretching, in one or more directions. The size and shape of the disperse phase particles, the volume fraction of the disperse phase, the film thickness, and the amount of orientation are chosen to attain a desired degree of diffuse reflection and total transmission of electromagnetic radiation of a desired wavelength in the resulting film.



Data supplied from the **esp@cenet** database - Worldwide